



**VEEAM**

## **Exam Questions VMCE2021**

Veeam Certified Engineer 2021

#### NEW QUESTION 1

- (Exam Topic 1)

In Veeam Enterprise Manager, what granular restoration permission can be set for the Restore Operator role?

- A. SharePoint items
- B. File items
- C. Active Directory items
- D. OneDrive items

**Answer: B**

#### Explanation:

Restore Operator: - Access objects from the restore scope on the Machines and Files tabs - Perform restore operations as permitted by the delegation settings  
[https://helpcenter.veeam.com/docs/backup/em/em\\_about\\_accounts\\_and\\_roles.html?ver=120](https://helpcenter.veeam.com/docs/backup/em/em_about_accounts_and_roles.html?ver=120)

#### NEW QUESTION 2

- (Exam Topic 1)

An infrastructure with 50 VMs has a power outage. After the VMware cluster has booted up again, 10 medium-sized VMs have corrupted VM disk files. Which action can be used to restore the VMs back to the production state?

- A. Use the "Restore guest files" option and restore all VM Files.
- B. Perform Restore VM Files and only restore the VM configuration files.
- C. Perform Restore VM Files and restore the VM configuration and disk files.
- D. Perform Instant VM Recovery with quick rollback.

**Answer: C**

#### NEW QUESTION 3

- (Exam Topic 1)

A company needs several VMware thick provisioned VMs restored. The physical proxies used for restoration have access to the Fibre Channel datastores used by VMware. Which transport mode will be used by default to restore these VMs?

- A. Network mode
- B. Virtual appliance
- C. Quick Migration
- D. Direct Storage Access

**Answer: D**

#### Explanation:

[https://helpcenter.veeam.com/docs/backup/vsphere/direct\\_san\\_access.html?ver=120](https://helpcenter.veeam.com/docs/backup/vsphere/direct_san_access.html?ver=120)

#### NEW QUESTION 4

- (Exam Topic 1)

An administrator accidentally deleted a database. Veeam Explorer for Oracle will be used to restore it back. What is the fastest option to get the database online again?

- A. Use the "Compare with Production" option to restore only the missing objects back to the Oracle database.
- B. Use the "Point in Time" option to specify the point in time you want to restore the Oracle database to.
- C. Use the "Quick Rollback" option to perform a restore of the changed blocks of the Oracle database file.
- D. Use the "Instant Recovery" option and restore it in the background.

**Answer: D**

#### Explanation:

<https://www.veeam.com/blog/v11-instant-recovery-reinvented.html?ad=in-text-link>

According to the Veeam Backup Explorers guide<sup>1</sup>, Veeam Explorer for Oracle allows you to restore and export Oracle databases and Data Guard from backups created by Veeam Backup & Replication or Veeam Plug-in for Oracle RMAN<sup>1</sup>. You can use different restore options depending on your scenari<sup>1</sup>o.

If you want to restore a deleted database back to its original location, you can use the Instant

Recovery option. This option allows you to quickly mount a database from a backup file and start it on an

Oracle server without performing a full restore<sup>1</sup>. The database will be restored in the background while it is online and accessible<sup>1</sup>. This option provides the fastest recovery time objective (RTO) for restoring a deleted database<sup>1</sup>.

#### NEW QUESTION 5

- (Exam Topic 1)

A company needs to recover a VM from VMware very quickly. The company decides to use Instant VM Recovery from their last backup. What platforms can this backup be instantly restored to? (Choose three.)

- A. Azure
- B. Hyper-V
- C. AWS
- D. GCP
- E. AHV
- F. VMware

**Answer: BEF**

### NEW QUESTION 6

- (Exam Topic 1)

A planned failover of three VMs has just completed successfully, starting the VMs at the disaster recovery location. What next actions are available for the failover plan?

- A. Undo, Start, Copy, Delete
- B. Cancel, Start, Edit, Delete
- C. Cancel, Start, Copy, Delete
- D. Undo, Start, Edit, Delete

**Answer: D**

#### Explanation:

[https://helpcenter.veeam.com/archive/backup/110/vsphere/failover\\_plan\\_undo.html](https://helpcenter.veeam.com/archive/backup/110/vsphere/failover_plan_undo.html)

According to the Veeam Backup & Replication user guide<sup>1</sup>, a failover plan is a set of rules that defines how VMs must be failed over to their replicas<sup>1</sup>. You can create and run failover plans for regular replicas and CDP replicas<sup>1</sup>.

After you run a failover plan, you can perform the following actions on it<sup>2</sup>:

- > Undo — reverts VMs in the failover plan back to their original state at the production site<sup>2e</sup>.
- > Start — runs the failover plan again if you need to repeat the failover operation for some reason<sup>2n</sup>.
- > Edit — modifies the settings of the failover plan, such as adding or removing VMs, changing their order or time delay<sup>1</sup>.
- > Delete — removes the failover plan from Veeam Backup & Replication. This does not affect the VM replicas that are used by the plan<sup>1</sup>.

### NEW QUESTION 7

- (Exam Topic 1)

A Veeam administrator is concerned about keeping backups on site and has traditionally used tapes to store backups older than 30 days in order to free up space on their backup repository for longer-term storage. The company is currently using Scale-out Backup Repositories. What option would satisfy the requirement?

- A. Copy to capacity tier
- B. Move to capacity tier
- C. Backup to object storage
- D. File copy job

**Answer: B**

### NEW QUESTION 8

- (Exam Topic 1)

A daily backup job for seven Hyper-V VMs has been configured at the main site, keeping 14 days' worth of backup files. They want to get a copy of the VM backups to a repository at the disaster recovery site. They want to keep six months' worth of backup files at the disaster recovery site. They also need to be able to restore the VMs to any given day within two months and any given week within six months. How should a backup copy job be configured to meet these requirements?

- A. Use periodic copy (pruning) mode, keeping 180 days of retention.
- B. Use immediate copy (mirroring) mode, keeping 62 days of retention and 26 weekly GFS restore points.
- C. Use periodic copy (pruning) mode, keeping 62 days of retention and six monthly GFS restore points.
- D. Use immediate copy (mirroring) mode, keeping 180 days of retention.

**Answer: B**

#### Explanation:

According to the Veeam Backup & Replication user guide<sup>1</sup>, you can use a long-term retention policy (GFS) keep backup files for longer periods of time. GFS stands for grandfather-father-son and refers to a backup rotation scheme that allows you to create weekly, monthly, quarterly and yearly restore points<sup>12</sup>.

Therefore, if you want to be able to restore the VMs to any given day within two months and any given week within six months, you should use a GFS policy with 62 days of retention and 26 weekly GFS restore points. The simplest configuration would be an immediate copy (mirroring) mode with these settings (option B).

### NEW QUESTION 9

- (Exam Topic 1)

A Windows VM running on Microsoft Hyper-V is protected using the file indexing option. The guest interaction proxy is offline. Which of the following Veeam servers will be used to deploy the runtime during the backup process?

- A. Backup & Replication server
- B. Indexing database server
- C. File proxy server
- D. Virtual lab server

**Answer: A**

#### Explanation:

[https://helpcenter.veeam.com/archive/backup/110/hyperv/guest\\_interaction\\_proxy.html](https://helpcenter.veeam.com/archive/backup/110/hyperv/guest_interaction_proxy.html)

According to the Veeam Software Help Center<sup>1</sup>, Veeam Backup & Replication deploys runtime components on a VM guest OS to perform file indexing. These components can be either non-persistent or persistent depending on whether you have enabled application-aware processing for the VM.

If you have enabled application-aware processing for the VM, Veeam Backup & Replication uses a persistent agent component that is installed on the VM guest OS during backup job session and remains on the VM after that. In this case, if the guest interaction proxy is offline, Veeam Backup & Replication will use another available guest interaction proxy or fail over to the backup server.

If you have not enabled application-aware processing for the VM, Veeam Backup & Replication uses a non-persistent runtime component that is deployed on the fly and removed after indexing is complete. In this case, if the guest interaction proxy is offline, Veeam Backup & Replication will use another available guest interaction proxy or fail over to the backup server.

**NEW QUESTION 10**

- (Exam Topic 1)

An administrator has decided to set up a VM backup job covering their Microsoft SQL servers. What feature must be enabled to ensure quiescence of the SQL databases during the backup?

- A. Enable Microsoft SQL server plug-in.
- B. Enable application-aware processing.
- C. Enable Microsoft Windows OS processing.
- D. Enable Microsoft SQL server agent on the VMs

**Answer: B**

**Explanation:**

According to the Veeam Agent for Microsoft Windows User Guide<sup>1</sup>, you need to enable application-aware processing to ensure quiescence of the SQL databases during the backup. Application-aware processing allows Veeam Agent for Microsoft Windows to create transactionally consistent backups of SQL Server VMs.

**NEW QUESTION 10**

- (Exam Topic 1)

A director in a business needs a folder of traffic photos restored from a Linux server. This machine sits on a VM backed up by Veeam Backup & Replication. The director wants the files restored to their original location and does not want to lose the original files. What functionality will be used to restore the folder using the Veeam Guest OS restoration wizard?

- A. Restore the files using the "Versioning" functio
- B. Files will be prefixed with numbers (1-, 2-, 3-, etc.).
- C. Restore the files using the "Overwrite" functio
- D. Original files will be renamed.
- E. Restore the files using the "Hold" functio
- F. The director can then determine the status of the original and restored files.
- G. Restore the files using the "Keep" functio
- H. Original files will be untouched

**Answer: D**

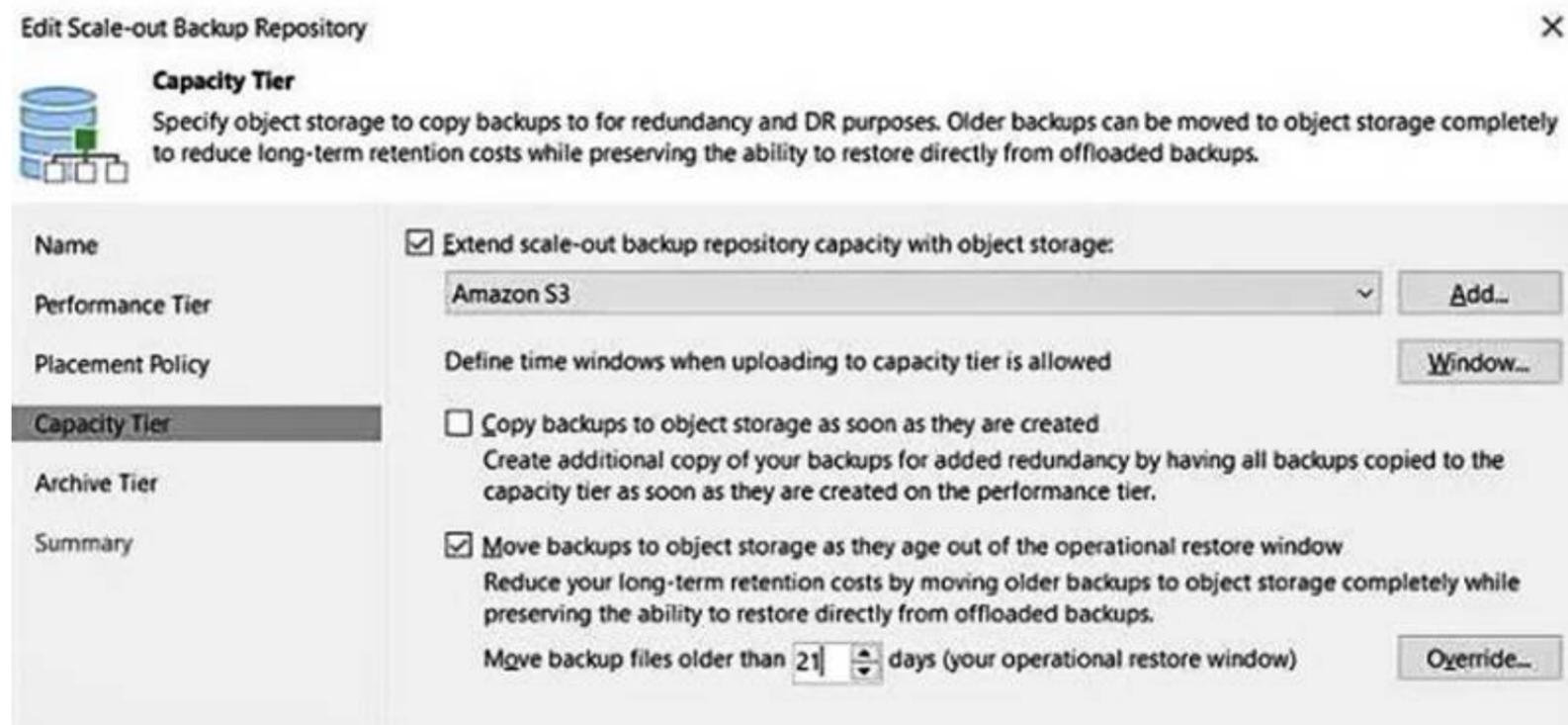
**Explanation:**

According to the Veeam Backup & Replication user guide<sup>1</sup>, you can use the Guest File Restore wizard to restore files and folders from VM guest OSES that run Linux or other non-Windows OSES<sup>2</sup>. The wizard allows you to choose how to handle situations when restored files already exist on the target location<sup>3</sup>. Therefore, if you want to restore the folder of traffic photos to their original location and do not want to lose the original files, you should use the Keep function. This function will preserve original files on disk and w not overwrite them with restored files

**NEW QUESTION 11**

- (Exam Topic 1)

A Scale-out Backup Repository with one local extent has been configured as follows.



**Edit Scale-out Backup Repository** [Close]

**Capacity Tier**  
 Specify object storage to copy backups to for redundancy and DR purposes. Older backups can be moved to object storage completely to reduce long-term retention costs while preserving the ability to restore directly from offloaded backups.

**Name**

**Performance Tier**

**Placement Policy**

**Capacity Tier** (Selected)

**Archive Tier**

**Summary**

**Extend scale-out backup repository capacity with object storage:**

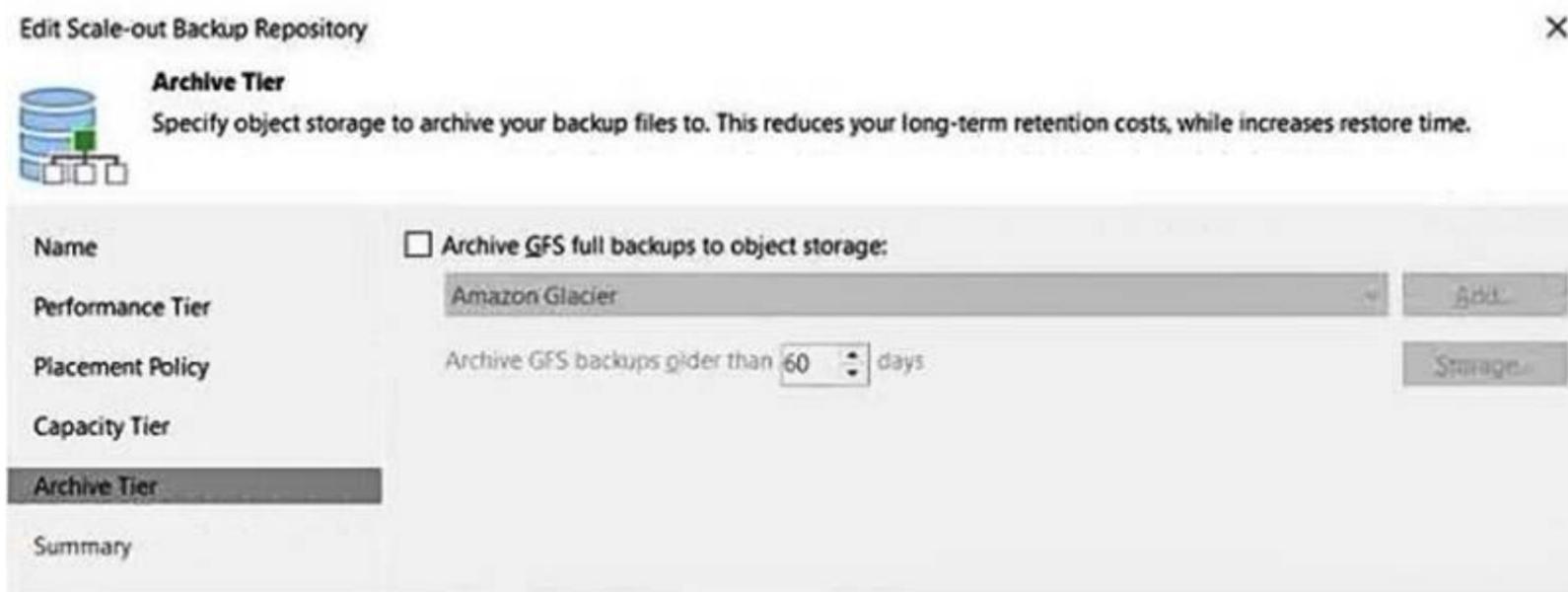
Amazon S3 [Add...]

Define time windows when uploading to capacity tier is allowed [Window...]

**Copy backups to object storage as soon as they are created**  
 Create additional copy of your backups for added redundancy by having all backups copied to the capacity tier as soon as they are created on the performance tier.

**Move backups to object storage as they age out of the operational restore window**  
 Reduce your long-term retention costs by moving older backups to object storage completely while preserving the ability to restore directly from offloaded backups.

Move backup files older than 21 days (your operational restore window) [Override...]



A daily VMware backup job retention is 31 days, keeping weekly GFS full backups for 14 weeks. It is Jan. 20. A file from a backup that occurred on Jan. 1 must be recovered. Where is the data?

- A. The archive tier
- B. The performance tier and the capacity tier
- C. The performance tier
- D. The capacity tier

**Answer:** C

#### NEW QUESTION 15

- (Exam Topic 1)

After performing a failover to a disaster recovery site, it is decided that the VMs need to be failed back to the original production site and that any changes made during the failover should be discarded. Which option should be used?

- A. Undo failover
- B. Undo failback
- C. Failback
- D. Commit failback

**Answer:** A

#### Explanation:

[https://helpcenter.veeam.com/docs/backup/vsphere/undo\\_failover.html?ver=120](https://helpcenter.veeam.com/docs/backup/vsphere/undo_failover.html?ver=120)

#### NEW QUESTION 17

- (Exam Topic 1)

A physical Linux server protected by a centrally managed Veeam agent is physically damaged. A VMware vSphere infrastructure is available, and the physical server is eligible for virtualization. Which recovery step provides the lowest possible RTO?

- A. Use Instant VM Recovery to VMware vSphere.
- B. Use Instant Disk Recovery to VMware vSphere.
- C. Use Export Disk Content as Virtual Disk to create a new VM.
- D. Use Bare Metal Restore to VMware vSphere VM.

**Answer:** A

#### Explanation:

According to the Veeam Agent for Linux User Guide<sup>1</sup>, you can use the Restore volumes option to perform bare metal recovery of your computer. However, this option requires you to boot from the Veeam Recovery Media and may take some time to complete. Another option is to use Instant VM Recovery to VMware vSphere. This option allows you to run your Linux computer directly from a backup file as a VMware VM without restoring any data. This can significantly reduce your RTO and provide immediate access to your applications and data.

#### NEW QUESTION 20

- (Exam Topic 1)

Which of the following are valid export options for Microsoft SQL Server items when using the Veeam Explorer for Microsoft SQL? (Choose two.)

- A. .mdb file
- B. .bak file
- C. .mdf file
- D. .sql file
- E. .xls file

**Answer:** BC

#### Explanation:

[https://helpcenter.veeam.com/docs/backup/explorers/vesql\\_data\\_export.html?ver=120](https://helpcenter.veeam.com/docs/backup/explorers/vesql_data_export.html?ver=120)

#### NEW QUESTION 22

- (Exam Topic 1)

A Veeam proxy server is configured as follows. No modifications are allowed to the transport mode.

### Transport Mode ✕

**Backup proxy transport mode:**

- Automatic selection**  
 Data retrieval mode is selected automatically by analyzing backup proxy configuration and reachable VMFS and NFS datastores. Transport modes allowing for direct storage access will be used whenever possible.
- Direct storage access**  
 Data is retrieved directly from shared storage, without impacting production hosts. For block storage, backup proxy server must be connected into SAN fabric via hardware or software HBA, and have VMFS volumes mounted.
- Virtual appliance**  
 Data is retrieved directly from storage through hypervisor I/O stack by hot adding backed up virtual disks to a backup proxy VM. Datastores containing protected VMs must be connected to a host running backup proxy VM.
- Network**  
 Data is retrieved from storage through hypervisor network stack using NBD protocol over host management interface. This mode has no special setup requirements. Recommended for 10 Gb Ethernet or faster.

**Options**

- Failover to network mode if primary mode fails, or is unavailable
- Enable host to proxy traffic encryption in Network mode (NBDSSL)

When performing a restore of a thin-provisioned VMware virtual disk on an NFS data store using this proxy server, what transport mode will be used by default?

- A. Direct SAN access
- B. Virtual appliance
- C. Network
- D. Direct NFS access

**Answer:** D

**NEW QUESTION 26**

- (Exam Topic 1)

What is necessary prior to configuring replica mapping?

- A. A Veeam backup in the production site
- B. A Veeam replica in the disaster recovery site
- C. A Veeam backup in the disaster recovery site
- D. A Veeam replica in the production site

**Answer:** B

**Explanation:**

[https://helpcenter.veeam.com/archive/backup/110/vsphere/replica\\_seeding.html](https://helpcenter.veeam.com/archive/backup/110/vsphere/replica_seeding.html)

**NEW QUESTION 28**

- (Exam Topic 1)

A Scale-out Backup Repository with one local extent has been configured as follows.

**Edit Scale-out Backup Repository** X

**Capacity Tier**  
 Specify object storage to copy backups to for redundancy and DR purposes. Older backups can be moved to object storage completely to reduce long-term retention costs while preserving the ability to restore directly from offloaded backups.

Name	<input checked="" type="checkbox"/> Extend scale-out backup repository capacity with object storage:
Performance Tier	Amazon S3 <span style="float: right;">Add...</span>
Placement Policy	Define time windows when uploading to capacity tier is allowed <span style="float: right;">Window...</span>
Capacity Tier	<input type="checkbox"/> Copy backups to object storage as soon as they are created Create additional copy of your backups for added redundancy by having all backups copied to the capacity tier as soon as they are created on the performance tier.
Archive Tier	<input checked="" type="checkbox"/> Move backups to object storage as they age out of the operational restore window Reduce your long-term retention costs by moving older backups to object storage completely while preserving the ability to restore directly from offloaded backups.
Summary	Move backup files older than <input type="text" value="14"/> days (your operational restore window) <span style="float: right;">Override...</span>

12 VMware VMs are being backed up daily by a forward incremental backup job, which has a 31-day retention, creating synthetic fulls on Saturdays. After running for more than 31 days, which of the following would be accurate?

- A. Both the performance tier and capacity tier will contain all restore points.
- B. The performance tier will contain all restore point
- C. The capacity tier will contain zero restore points.
- D. The performance tier will contain the most recent 15 to 22 days of restore point
- E. The capacity tier will contain the oldest 14 days of restore points.
- F. The performance tier will contain the most recent 14 to 20 days of restore point
- G. The capacity tier will contain all restore points.

**Answer: C**

**NEW QUESTION 29**

- (Exam Topic 1)

A backup job is configured as follows.

<b>Mode</b>	Forward incremental with weekly synthetic full
<b>Start time</b>	Every day at 20:00
<b>Active full</b>	Sunday
<b>Restore points to keep</b>	14 restore points
<b>Time to finish job</b>	1 hour
<b>Job created</b>	Friday, 13:00

How many full and incremental restore points will be in a repository on day 16 at 23:00?

- A. 3 full and 14 incremental
- B. 2 full and 12 incremental
- C. 3 full and 15 incremental
- D. 1 full and 13 incremental

**Answer: B**

**NEW QUESTION 31**

- (Exam Topic 1)

A Veeam administrator is creating a protection group that needs to back up all servers for the accounting department using Veeam Agent for Microsoft Windows. New accounting servers must be automatically added to the protection group. How is this accomplished?

- A. Create a protection group that reads a .csv file listing the accounting servers.
- B. Create a protection group and set it to automatically scan every three hours for new servers.
- C. Install a configuration file on each of the accounting servers that adds it to the protection group.
- D. Create an Active Directory based protection group targeted at an Active Directory security group.

**Answer: D**

**NEW QUESTION 36**

- (Exam Topic 2)

A company is required to have a daily backup with a retention of at least six weeks. The backups are running every eight hours during the day. From the options provided, what backup job would you advise based on their SLA and best practices?

- A. Forever forward incremental backup, with default job settings enabled
- B. Forever forward incremental backup, with a retention of 42 restore points, savings six weekly full backups
- C. Forever forward incremental backup, with a retention of 42 restore points
- D. Forward incremental backup with weekly synthetic full backups and a retention of 42 days

**Answer: D**

**NEW QUESTION 40**

- (Exam Topic 2)

The advanced installation scenario requires installing the Veeam ONE Server component (server part) on one machine and installing the Veeam ONE Web UI component (client part) on another machine.

- A. True
- B. False

**Answer: A**

**NEW QUESTION 43**

- (Exam Topic 2)

Which transport mode uses the VMware vSphere Hot-Add feature to attach the virtual disks of a source VM to the backup proxy VM?

- A. Network
- B. vPower
- C. Virtual Appliance
- D. Direct SAN access
- E. Direct NFS access

**Answer: C**

**NEW QUESTION 48**

- (Exam Topic 2)

A company has replicated their critical application VMs to a second data center in another region. Their key application includes two database VMs and three application VMs. For proper operation, the database VMs need to start before the application VMs. What needs to be configured in Veeam to prepare for a disaster recovery situation?

- A. Use a failover plan
- B. Use a planned failover
- C. Use Instant VM Recovery
- D. Use on-click failover

**Answer: A**

**Explanation:**

Reference: <https://www.veeam.com/virtual-machine-backup-solution-free.html>

the course guide veeam say "a presente scenario for one click failover for a group of independent vms, you can set ORDER for the vm's in the plan, and the delay intervals to make sure that some vms are already running at the moment to the dependent vms start"

**NEW QUESTION 52**

- (Exam Topic 2)

A backup administrator has replicated a virtual machine between two Hyper-V hosts and now would like to automatically verify the recoverability of the replica. What would they need to do?

- A. It is not supported to perform SureBackup replica testing for Hyper-V
- B. Create a virtual switch with no uplinks and start the virtual machine connected to the new switch
- C. Create a virtual lab and an application group; create a SureBackup for the replica job and run it once a day
- D. Start the virtual machine manually using the universal application item recovery wizard

**Answer: A**

**NEW QUESTION 57**

- (Exam Topic 2)

Exhibit:



Look at the diagram. This daily backup job has been running for over 30 days and no active full backups have been taken since the first run. Which of the following best describes the backup job?

- A. This is a reverse incremental backup, keeping seven restore points
- B. This is a forward incremental backup with Sunday and Wednesday synthetic full, keeping seven restore points
- C. This is a forward incremental backup with transform enabled, keeping four restore points
- D. This is forever forward incremental backup, keeping seven restore points

**Answer: A**

#### NEW QUESTION 58

- (Exam Topic 2)

What is the main advantage of using the Backup from Storage Snapshots feature?

- A. It does not create VMware snapshot(s).
- B. It saves space in the repository.
- C. It speeds up the backup process.
- D. It decreases the amount of time the VM is running on a VMware snapshot.

**Answer:** D

#### Explanation:

The backup process is going to take the same amount of time, but the commit operation of the vmware snapshot has shorter duration when working with storage snapshots

#### NEW QUESTION 60

- (Exam Topic 2)

What are the three Veeam Backup & Replication technologies required to verify recoverability of the backup?  
(Choose three.)

- A. Virtual lab
- B. Application group
- C. Backup proxy
- D. SureBackup job
- E. Gateway Server
- F. Replication job

**Answer:** ABD

#### Explanation:

Reference: [https://helpcenter.veeam.com/docs/backup/vsphere/recovery\\_verification\\_overview.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/recovery_verification_overview.html?ver=100)

#### NEW QUESTION 65

- (Exam Topic 2)

Which of the following need to be performed in order to switch from the original VM to a VM Replica and then to use this replica as the original VM?

- A. Change the replication Job to reverse the replication
- B. Failback + commit failback
- C. Undo failover
- D. Permanent failover

**Answer:** D

#### NEW QUESTION 67

- (Exam Topic 2)

Select the correct description of a synthetic full backup.

- A. A synthetic full backup will generate a new VBK file by getting data from the hypervisor
- B. A synthetic full backup combines a VIB file with one or more VBK files from a repository to generate a new VBK file
- C. A synthetic full backup combines a VBK file with one or more VIB files from a repository to generate a new VBK file
- D. A synthetic full backup will update the existing VBK with data from the hypervisor and generate a new VRB file

**Answer:** A

#### Explanation:

Reference: [https://helpcenter.veeam.com/docs/backup/hyperv/synthetic\\_full\\_backup.html?ver=100](https://helpcenter.veeam.com/docs/backup/hyperv/synthetic_full_backup.html?ver=100)

#### NEW QUESTION 68

- (Exam Topic 2)

Which of the following is required to enable tape parallel processing?

- A. The source repository for the tape job is a scale out backup repository.
- B. The tape library has multiple drives.
- C. Two tape jobs are processed at the same time.
- D. The tape drive has multiple tapes.

**Answer:** B

#### NEW QUESTION 71

- (Exam Topic 2)

A company needs to maintain and verify backups at a secondary site to meet the following requirements: RTO of two hours, RPO of 12 hours, four weeks retention. Which of the following backup copy job configurations meets these requirements?

- A. Periodic backup copy job, scheduled for a two-hour interval, with 56 restore points to retain
- B. Periodic backup copy job, scheduled for a 12-hour interval, with 56 restore points to retain
- C. Periodic backup copy job, scheduled for a two-hour interval, with 112 restore points to retain
- D. Periodic backup copy job, scheduled for a 12-hour interval, with 112 restore points to retain

**Answer:** B

**NEW QUESTION 74**

- (Exam Topic 2)

Which of the following statements is true regarding the Veeam Backup & Replication integration with supported Storage Systems for VMware vSphere are true? (Choose three).

- A. On storage accesses through NFS, VMs with snapshots will be skipped from Backup from Storage Snapshots
- B. Veeam Backup & Replication can backup virtual machines from a supported secondary storage array
- C. On storage accessed through NFS, VMs with snapshots can be protected with Backup from Storage Snapshots
- D. When Backup from Storage Snapshots is performed, VMware snapshot is never utilized
- E. Enabling Backup from Storage Snapshots for all backup jobs are not recommended

**Answer:** ABE

**NEW QUESTION 79**

- (Exam Topic 2)

Which of the following is a backup mode that can be configured within a Veeam Agent for Windows backup job?

- A. Reverse incremental with periodic active full backups
- B. Forward incremental and reverse incremental, both with optional periodic synthetic and/or active full backups
- C. Forward incremental with optional periodic synthetic and/or active full backups
- D. Reverse incremental with optional periodic synthetic full backups

**Answer:** C

**Explanation:**

[https://helpcenter.veeam.com/docs/agentforwindows/userguide/backup\\_chain.html?ver=40](https://helpcenter.veeam.com/docs/agentforwindows/userguide/backup_chain.html?ver=40)

**NEW QUESTION 84**

- (Exam Topic 2)

A virtual machine in your environment has been hit by a virus. You need to restore the virtual machine as fast as possible. At the same time, you need to make sure that any dormant virus on the backed up virtual machine is detected. What restore method should you use when recovering to a new location?

- A. Instant VM Recovery with "staged restore"
- B. Instant VM Recovery with "secure restore"
- C. SureBackup
- D. Virtual disk restore

**Answer:** B

**Explanation:**

Reference: [https://helpcenter.veeam.com/docs/backup/em/em\\_disk\\_restore.html?ver=100](https://helpcenter.veeam.com/docs/backup/em/em_disk_restore.html?ver=100)

**NEW QUESTION 88**

- (Exam Topic 2)

Which of the following statements are true when comparing a synthetic full backup to an active full backup on an NTFS-based backup repository? Choose two options.

- A. If the backup repository performance is weak, creating synthetic full backups is the best choice.
- B. Synthetic full backups consume more network bandwidth.
- C. Synthetic full backups impose less load on the production environment.
- D. In terms of content and retention, the synthetic full backup file is identical to an active full backup file.
- E. Synthetic full backups are always best when launched on a dedupe appliance.
- F. The synthetic full backup file has a .vsb extension, whereas the active full backup has a .vbk extension.

**Answer:** CD

**NEW QUESTION 92**

- (Exam Topic 2)

If the Backup Administrator has to perform a backup over a high-latency, low bandwidth network link, how can the disruptions to the backup process be avoided?

- A. By making a direct backup using WAN accelerator.
- B. By adding additional WAN accelerators to the target site.
- C. By making a backup locally and utilizing WAN accelerators for a backup copy Job.
- D. By adjusting the compression and deduplication settings for this Job.

**Answer:** C

**NEW QUESTION 93**

- (Exam Topic 2)

Veeam is used for replicating VMware VMs. The production environment is comprised of two networks: 192.168.1.0/24 and 172.16.0.0/16. A web application requires a database server (whose IP address is 172.21.1.12) to receive queries from a web client (whose IP address is 192.168.1.32). The replicas are spread over multiple hosts. A backup administrator needs to configure a virtual lab to test a web client to database server query. Which of the following virtual lab types

must be configured?

- A. Advanced multi-host
- B. Advanced single-host
- C. All virtual lab configurations would support that
- D. Basic single-host

**Answer:** B

#### NEW QUESTION 94

- (Exam Topic 2)

A Veeam backup administrator, protecting all VMs in a VMware environment with backups and replicas, has been requested to run a multi-server application in an On-Demand Sandbox. The sandbox needs to stay powered on, uninterrupted, for 30 days while daily backups and replicas continue to run. How can this be done?

- A. Create an application group and leverage regular replica restore points as the source for the application group
- B. Create a (secondary) replication job for the required VMs that are not scheduled to run; create a SureBackup job and use these replicas as the source
- C. Create a (secondary) replication job for the required VMs that are not scheduled to run; make an application group and use these replicas as the source
- D. Create an application group and leverage regular backup restore points as the source for the application group

**Answer:** B

#### NEW QUESTION 99

- (Exam Topic 2)

Which of the following should be considered when estimating the amount of disk space necessary to store backups? Choose two options.

- A. Retention period for backups
- B. Type of disk (thick or thin)
- C. Hypervisor and host version
- D. RAID configuration of the Backup Repository
- E. Veeam Backup & Replication edition
- F. Total size of used data for the VMs being backed up

**Answer:** AF

#### NEW QUESTION 101

- (Exam Topic 2)

When deploying an advanced single-host virtual lab in a VMware environment, what will Veeam create?

- A. A distributed virtual switch with uplink(s)
- B. A standard virtual switch with uplink(s)
- C. A distributed virtual switch without uplink(s)
- D. A standard virtual switch without uplink(s)

**Answer:** B

**Explanation:**

Reference: [https://helpcenter.veeam.com/docs/backup/vsphere/surebackup\\_advanced\\_vlab.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/surebackup_advanced_vlab.html?ver=100)

#### NEW QUESTION 103

- (Exam Topic 2)

A backup administrator needs to restore two data drives to a VM where the operating system remains intact. The target machine must remain powered on. What recovery option is most appropriate to perform this operation?

- A. Instant VM Recovery
- B. Instant disk recovery
- C. Restore entire VM
- D. Restore VM files

**Answer:** B

**Explanation:**

[https://helpcenter.veeam.com/docs/backup/vsphere/instant\\_disk\\_recovery.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/instant_disk_recovery.html?ver=100)

#### NEW QUESTION 108

- (Exam Topic 2)

An Availability engineer has configured Veeam Backup & Replication to replicate a mission critical VM to a DR site on an hourly basis and with 24 restore points. The production site has suffered a storage failure and needs to bring up the mission critical machine as soon as possible. Which step should the Availability engineer do next?

- A. Create a failover plan
- B. Failover to the replica VM
- C. Failback of the replica VM
- D. Planned failover to me replica VM

**Answer:** B

#### NEW QUESTION 111

- (Exam Topic 2)

A company has outgrown their current data center and plans to use the second data center as the new primary and needs to migrate their workloads. They are running VMware in both data centers. Which steps would allow this migration to occur without any data loss?

- A. \* 1. Replication job \* 2. Failover plan \* 3. Permanent failover
- B. \* 1. Backup job\* 2. Instant VM Recovery\* 3. Finalize the Instant VM Recovery
- C. \* 1. Replication job \* 2. Failback \* 3. Commit failback
- D. \* 1. Replication job\* 2. Planned failover\* 3. Permanent failover

**Answer:** D

#### Explanation:

[https://helpcenter.veeam.com/docs/backup/vsphere/planned\\_failover.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/planned_failover.html?ver=100)

#### NEW QUESTION 112

- (Exam Topic 2)

A backup administrator is creating a SureBackup environment up using Hyper-V as the hypervisor. Which virtual labs are available for Hyper-V? (Choose two.)

- A. Advanced multi-host (automatic configuration)
- B. Advanced single-host (automatic configuration)
- C. Basic single-host (automatic configuration)
- D. Advanced multi-host (manual configuration)
- E. Advanced single-host (manual configuration)

**Answer:** CE

#### Explanation:

Reference: [https://helpcenter.veeam.com/docs/backup/hyperv/surebackup\\_basic\\_vlab.html?ver=100](https://helpcenter.veeam.com/docs/backup/hyperv/surebackup_basic_vlab.html?ver=100)

#### NEW QUESTION 116

- (Exam Topic 2)

A backup administrator is deploying a Veeam ONE environment. They have chosen to use separate servers from their Veeam Backup & Replication environment. What benefit will they receive if they install the Veeam ONE Agent onto their backup server?

- A. Track whether VMs and agents are properly protected and following the 3-2-1 rule
- B. Collect Veeam Backup & Replication logs and execute remediation actions
- C. Collect virtual environment configuration from Veeam Backup & Replication
- D. Analyze Veeam Backup & Replication log data and retrieve signature updates

**Answer:** C

#### NEW QUESTION 118

- (Exam Topic 2)

Which of the following can help reduce the amount of traffic that is sent over the network during the second run of a replication job?

- A. Replica seeding
- B. Re-IP rules
- C. Replica mapping
- D. WAN acceleration for replicas

**Answer:** A

#### Explanation:

[https://helpcenter.veeam.com/docs/backup/vsphere/replica\\_seeding.html#:~:text=Replica%20seeding%20and%](https://helpcenter.veeam.com/docs/backup/vsphere/replica_seeding.html#:~:text=Replica%20seeding%20and%)

#### NEW QUESTION 121

- (Exam Topic 2)

Veeam ONE has been installed in the typical data collection mode and historical data is the installation default. A customer is looking at performance charts in Veeam ONE Monitor.

When troubleshooting a performance event from two days ago, what will they see?

- A. Aggregated data every two hours
- B. Data does not exist
- C. Raw data every 20 seconds
- D. Aggregated data every five minutes

**Answer:** D

#### Explanation:

[https://helpcenter.veeam.com/docs/one/deployment/data\\_collection\\_modes.html?ver=100](https://helpcenter.veeam.com/docs/one/deployment/data_collection_modes.html?ver=100)

#### NEW QUESTION 126

- (Exam Topic 2)

Which Vepdm Backup & Replication feature component is able to utilize Microsoft SQL Server transaction log backups for point-in-time restore?

- A. U-AIR Microsoft SQL Recovery wizard

- B. Instant Recovery
- C. Full VM Restore
- D. Veeam Explorer for Microsoft SQL

**Answer:** D

**NEW QUESTION 131**

- (Exam Topic 2)

If your mount server is running Windows Server 2019 and you are performing a secure restore, which statement below is true?

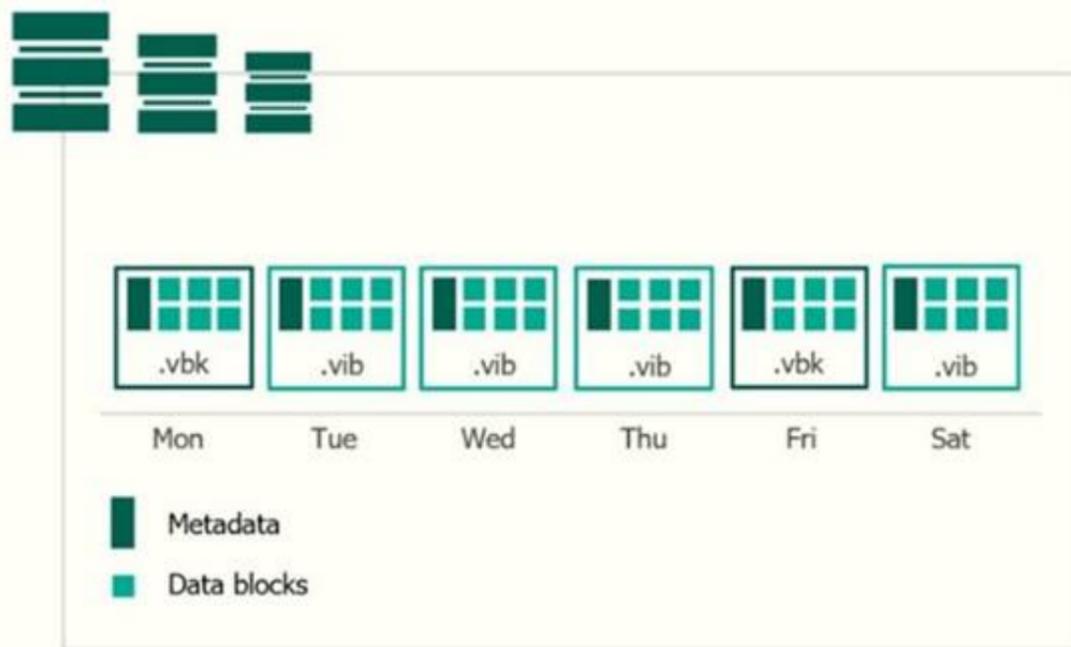
- A. NTFS is the only format supported.
- B. RefS will be skipped.
- C. RefS will be processed and scanned.
- D. Storage Spaces disks will be processed and scanned.

**Answer:** A

**NEW QUESTION 132**

- (Exam Topic 2)

Figure A shows the backup files on a Scale-out Backup Repository (SOBR) created by a single Veeam backup job. The SOBR is configured to offload to capacity tier in move mode. If the offload was completed successfully, what will remain on the performance extents for the files uploaded to the capacity tier?



**Figure A**

- A. VIB files (metadata and data)
- B. VBM files (metadata only)
- C. VIB and VBK files (metadata only)
- D. VBK files (metadata and data)
- E. VIB and VBK files (data blocks only)

**Answer:** C

**NEW QUESTION 135**

- (Exam Topic 2)

Which backup method will always produce a full backup as the most recent restore point?

- A. Forever forward incremental backup
- B. Forward incremental backup
- C. Reverse incremental backup
- D. Forward incremental with transform

**Answer:** C

**NEW QUESTION 140**

- (Exam Topic 2)

Which of the following predefined tests can be performed during a SureBackup verification test on a backup file? (Choose three.)

- A. Application test
- B. Heartbeat test
- C. Ping test
- D. SAN check
- E. Boot time
- F. OS test

**Answer:** ABC

**Explanation:**

Reference: [https://helpcenter.veeam.com/docs/backup/hyperv/surebackup\\_tests.html?ver=100](https://helpcenter.veeam.com/docs/backup/hyperv/surebackup_tests.html?ver=100)

#### NEW QUESTION 145

- (Exam Topic 2)

Which of the following Veeam Backup & Replication jobs can utilize storage snapshots on VMware vSphere? Choose two options.

- A. Replication
- B. Backup copy
- C. VeeamZIP
- D. Backup
- E. Tape
- F. VM copy

**Answer:** AD

#### NEW QUESTION 147

- (Exam Topic 2)

A company needs to recover a domain controller from a backup file they have on premises which was created by the Veeam Agent for Microsoft Windows. Which of the following would provide the fastest access to the domain controller?

- A. Use the Veeam Explorer for Active Directory to recover the domain controller
- B. Perform an Instant VM Recovery to recover the domain controller to a VM on their VMware host
- C. Perform a bare metal recovery of their domain controller back to the original system
- D. Recover the domain controller to an AWS EC2 instance using the restore to Amazon EC2

**Answer:** B

#### Explanation:

Reference: <https://www.veeam.com/blog/how-to-recover-a-domain-controller-best-practices-for-ad-protection.html>

#### NEW QUESTION 152

- (Exam Topic 2)

A NAS backup job has been configured within Veeam Backup & Replication, and is completing successfully, but restore operations have been failing for the last few days. What is causing the failure?

- A. The backup repository is sealed
- B. The server was added by using an IQN alias which is unable to be resolved
- C. The credentials added to the share are not allowed read-write access to the share, directories or files
- D. The cache repository assigned for this file share is unavailable for restore operations

**Answer:** C

#### Explanation:

If you must specify user credentials to access the shared folder, select the This share requires access credentials check box. From the Credentials drop-down list, select a credentials record for a user account that has Full Control permissions on the shared folder. To access the SMB share, you must use an account that meets either of the following requirements: If you only plan to back up the share, you can use an account with read-only permissions. If you plan not only to back up the share, but also to restore files to it, use an account with read/write permissions.

[https://helpcenter.veeam.com/docs/backup/vsphere/file\\_share\\_backup\\_smb\\_share\\_path\\_credentials.html?ver=1](https://helpcenter.veeam.com/docs/backup/vsphere/file_share_backup_smb_share_path_credentials.html?ver=1)

#### NEW QUESTION 156

- (Exam Topic 2)

Which of the following statements are true when deploying VMware backup proxy server? Choose three options.

- A. A managed Microsoft Windows server can be used as a backup proxy.
- B. The maximum number of concurrent tasks can be configured.
- C. The vPower NFS root folder location can be configured.
- D. A managed Linux server can be used as a backup proxy.
- E. Connected datastores can be configured.

**Answer:** ABC

#### NEW QUESTION 159

- (Exam Topic 2)

Which of the following is NOT an advantage of Veeam ONE Monitor?

- A. Built in phone home function for better security
- B. Updates are signature based
- C. Automatic problem mediation
- D. Manual or scheduled log analytics

**Answer:** A

#### NEW QUESTION 163

- (Exam Topic 2)

You use datastores as the source for your backup jobs. Some VM backups are consuming too much repository disk space. They have backup files created by multiple backup jobs. What could be the reason? (Choose two.)

- A. VMware Storage DRS (Distributed Resource Scheduler) moved VMs to different datastores
- B. Jobs are configured as per VM and these particular VM's need more fulls
- C. VM retention is set to do full backups more often than others in the job
- D. The VM is in a backup chain and trapped inside a single retention file
- E. The VMs were moved to different datastores manually

**Answer:** BE

#### NEW QUESTION 166

- (Exam Topic 2)

Which Veeam Backup & Replication functionality allows a VM to be powered on directly from a backup file?

- A. Planned failover
- B. Instant VM Recovery
- C. Item-Level Recovery using Veeam Explorer
- D. Full VM Recovery

**Answer:** B

#### NEW QUESTION 170

- (Exam Topic 2)

Which Veeam Backup & Replication job type offers the shortest recovery time objective (RTO)?

- A. Backup copy
- B. Backup to tape
- C. Replication
- D. File to tape

**Answer:** C

#### Explanation:

Reference: <https://helpcenter.veeam.com/docs/backup/vsphere/replication.html?ver=100>

#### NEW QUESTION 174

- (Exam Topic 2)

which actions can be used to locate the exact extent of a scale-out backup repository containing a particular VM's backup data? Choose two options.

- A. Check scale out backup repository settings
- B. Check the specific VM in the job statistics
- C. Check the inventory view for the specific VM
- D. Open the extent repositories manually
- E. Check backup proxy settings

**Answer:** AB

#### NEW QUESTION 177

- (Exam Topic 2)

A company has the following requirements:

Mission-critical VMs: hourly replication to disaster recovery site, daily backups of these VMs should be available at the disaster recovery site when required, the mission critical applications need to be available within 20 minutes.

Business-important VMs: daily backups should be stored at the disaster recovery site. When required, the business-important applications need to be available within four hours.

Define the RPO and RTO for the company's disaster recovery site.

- A. Mission-critical VMs: RPO = 60 minutes, RTO = one hour; business-important VMs: RPO = 60 minutes, RTO = four hours
- B. Mission-critical VMs: RPO = 24 hours, RTO = 20 minutes; business-important VMs: RPO = 24 hours, RTO = four hours
- C. Mission-critical VMs: RPO = 60 minutes, RTO = 20 minutes; business-important VMs: RPO = 24 hours, RTO = four hours
- D. Mission-critical VMs: RPO = 24 hours, RTO = four hours; business-important VMs: RPO = 24 hours, RTO = four hours

**Answer:** C

#### NEW QUESTION 181

- (Exam Topic 2)

A company has separate networks for management traffic and data traffic. All Veeam components are communicating over the management network. How would they define the data network for backup data transfers?

- A. Re-add all Veeam components involved in data transfer through the required interfaces
- B. Update routing tables on the components involved in data transfer
- C. Create a global network traffic rule, set appropriate source and target IP range
- D. Use the preferred network settings to switch to data network for the backup traffic

**Answer:** D

#### Explanation:

[https://helpcenter.veeam.com/docs/backup/vsphere/select\\_backup\\_network.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/select_backup_network.html?ver=100)

#### NEW QUESTION 182

- (Exam Topic 2)

A customer has a physical proxy configured for Direct Storage Access without failover to network mode. The backup fails. What could be the issue?

- A. The disks being processed are IDE and/or SATA
- B. The datastores are properly zoned and exposed to the proxy server but in read-only mode
- C. The storage is not added into the storage infrastructure, inside the backup and replication console
- D. Write access has not been enabled on the SAN
- E. One or more of the VM disk(s) are on Wols

**Answer:** E

**Explanation:**

Reference: [https://helpcenter.veeam.com/docs/backup/vsphere/direct\\_san\\_access.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/direct_san_access.html?ver=100)

#### NEW QUESTION 186

- (Exam Topic 2)

Which of the following options describe the Veeam Data Mover Service function most accurately? Choose two options.

- A. Analyzes the system and installs and upgrades necessary components and services, depending on the role selected for the server
- B. Copies VM files
- C. Reduces load on the network and helps speed up restores
- D. Performs data compression, deduplication and data transfer

**Answer:** BD

#### NEW QUESTION 191

- (Exam Topic 2)

Which of the following services are installed on every Veeam backup proxy server? Choose two options.

- A. Veeam Installer Service
- B. Veeam Backup Service
- C. Veeam Data Mover Service
- D. Veeam Distribution Service
- E. Veeam Backup Catalog Service

**Answer:** AC

**Explanation:**

Refer to [https://helpcenter.veeam.com/docs/backup/vsphere/backup\\_proxy.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/backup_proxy.html?ver=100)

#### NEW QUESTION 196

- (Exam Topic 2)

What is Veeam vPower NFS Service used for?

- A. It is used to send data to the original location or to a new location specified by the user when restoring it.
- B. It allows Veeam Backup & Replication to present VM files in a native format to an ESXi host, from a compressed and deduplicated backup file.
- C. It is used to mount a compressed and deduplicated backup file directly to the backup server and perform file and item level restore.
- D. It continuously checks the configuration settings of jobs and starts them in accordance with their schedules.

**Answer:** C

#### NEW QUESTION 201

- (Exam Topic 2)

What transport mode does the Linux backup proxy support?

- A. Automatic
- B. Network
- C. Direct storage access
- D. Virtual appliance

**Answer:** D

**Explanation:**

Reference: [https://helpcenter.veeam.com/docs/backup/vsphere/backup\\_proxy.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/backup_proxy.html?ver=100)

#### NEW QUESTION 203

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